

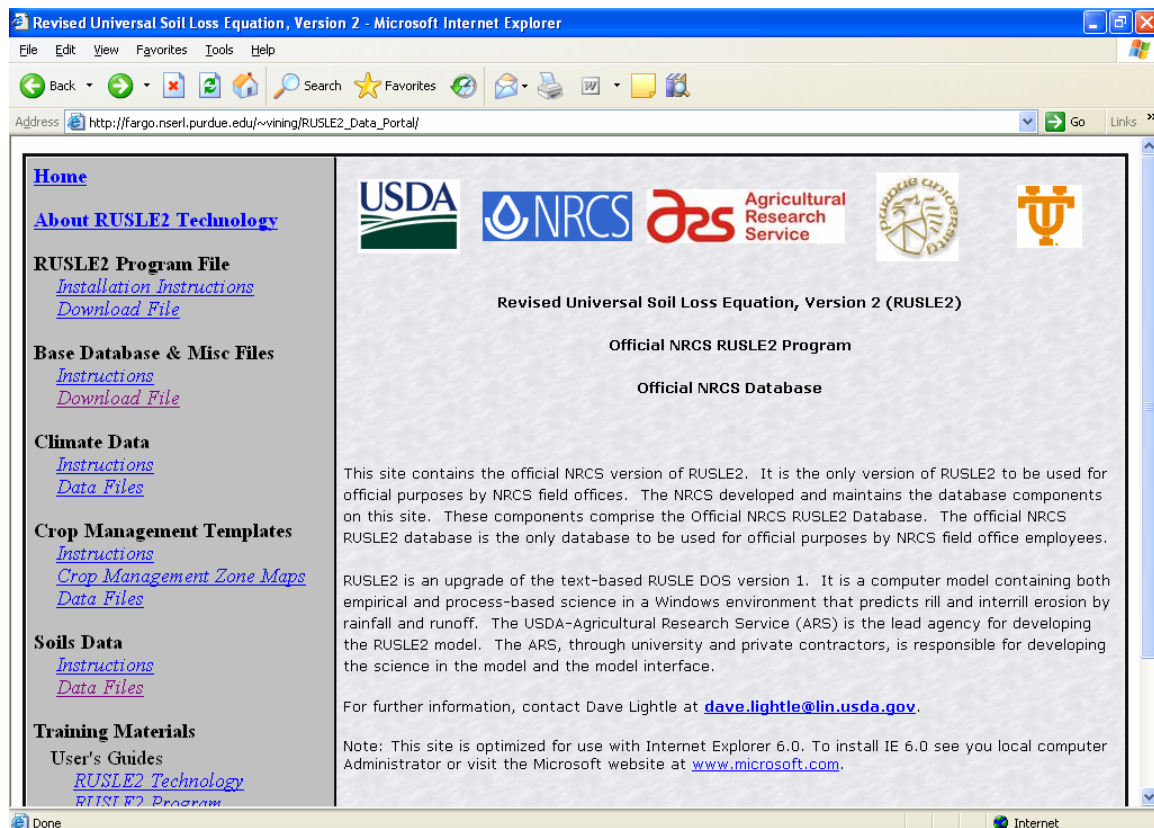
Importing Soils, Climates, and Managements into the Base Database

Instructions for use of the base data base and adding specific soils climate and management information.

The RUSLE2 install contains the base NRCS database. This file is named moses.gdb. However it requires that you add the specific climate data for your state(s), the specific soils data for your county or soil survey area(s) and the specific set(s) of crop management templates for your Crop Management Zone or area of the country. These soils data and crop management templates are updated periodically, and files in your database will need to be replaced with the new ones when that occurs.

These additional parts of the database have been exported, packaged and made available on the RUSLE2 website.

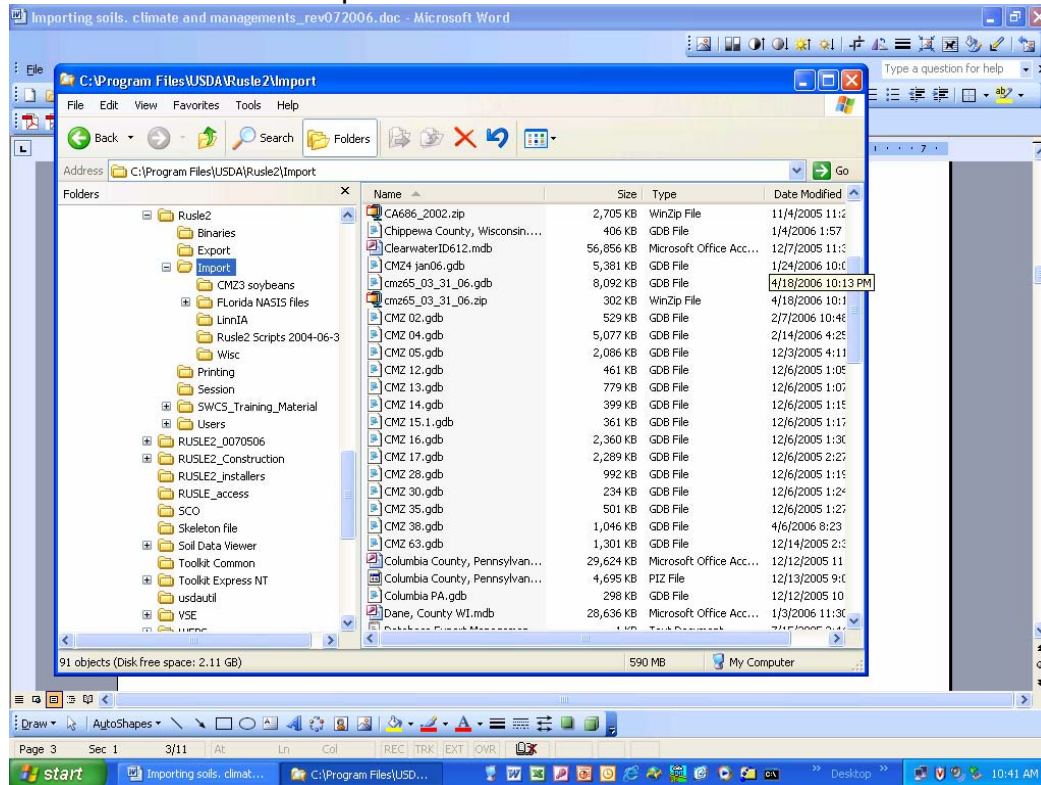
http://fargo.nserl.purdue.edu/rusle2_dataweb/



This allows the database to be kept small and specific to the area you plan to use RUSLE2 in.

Saving from the website

These files must be copied down to your computer from the website, placed in a folder or directory and imported into the RUSLE2 database one file at a time. To expedite this process you should use the folder called “Import” in the main RUSLE2 folder created by the install. The complete path is C:\Program files\USDA\RUSLE2\Import.



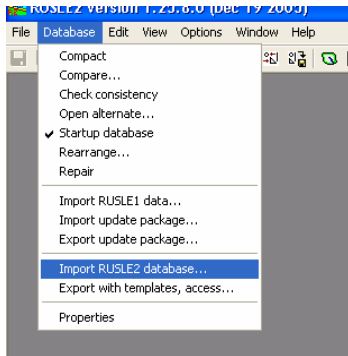
All additional locally needed database files containing soils, climate and management records should be copied from the website and placed in the “Import” folder. To copy records from the web site into the “Import” folder, go to the Climate Data, Crop Management Templates, or Soils Data headings on the left side of the RUSLE2 web site, and click on Data Files under each one. This will give you a screen with all of the data files for the entire country. Select the appropriate data files that you want to save, double click on those files, and save them to the C:\Program files\USDA\RUSLE2\Import folder.

Importing in RUSLE2

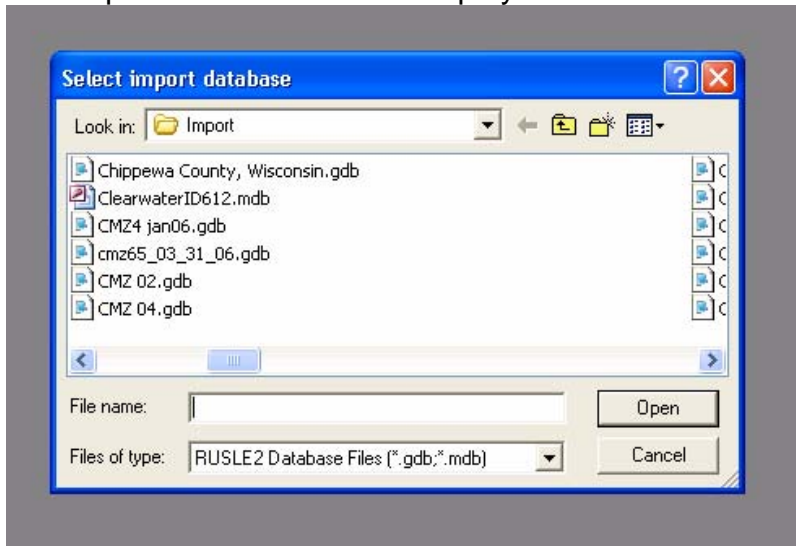
When an export file (data file) containing items to be merged into the working database has been copied from the website to the import folder you can proceed to the import process in RUSLE2. A special utility has been designed into RUSLE2 to allow this merging of data from one database file to another, in this case from a soils, climate or management export database file into the Base NRCS database file (moses.gdb) that came loaded with the model.

Open RUSLE2.

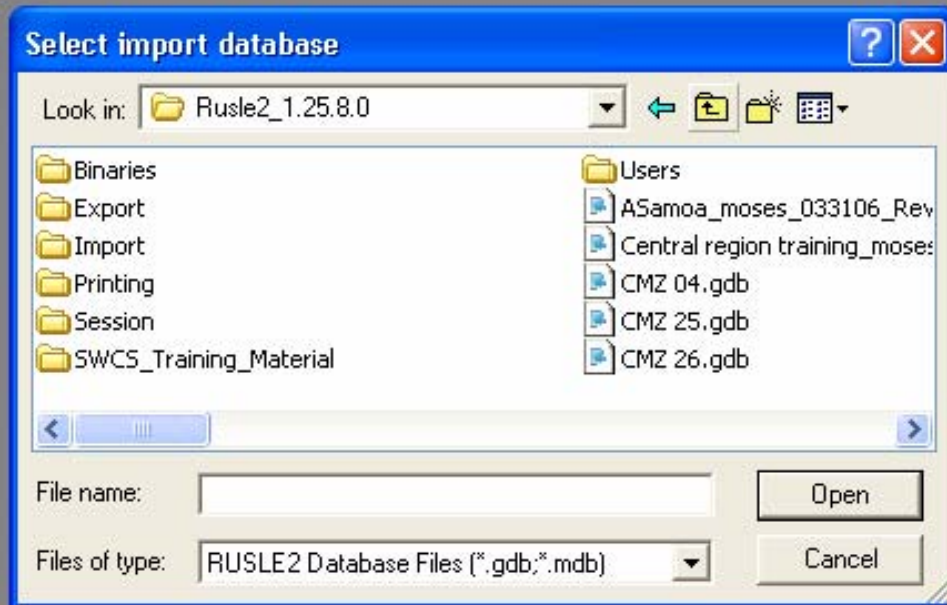
Click on “Database”, then “Import RUSLE2 database.....”

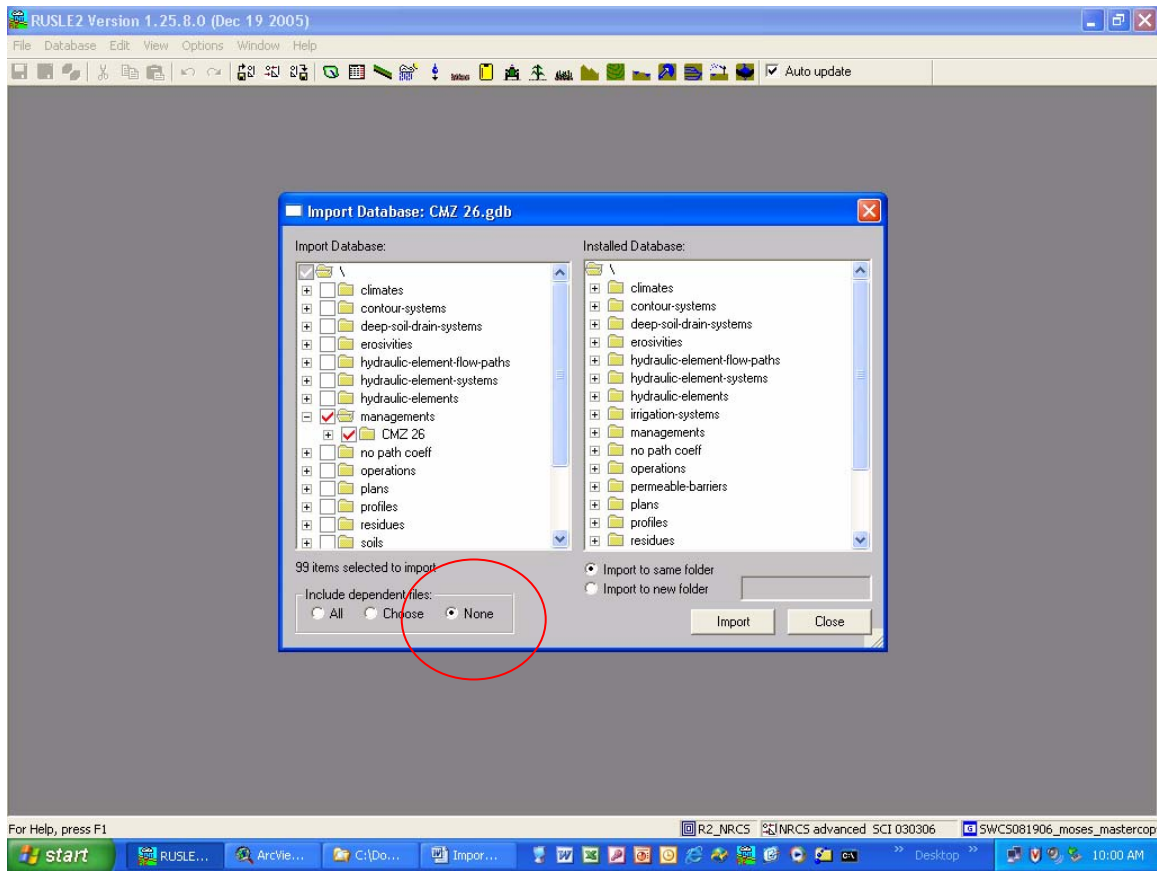


This dialog box is displayed. The files you need to import which you placed in the “Import” folder should be displayed.



If they are located elsewhere, perhaps in the main RUSLE2 folder, you may click the yellow folder with the up arrow icon, and browse through the directory structure on your computer to find the folder with the information you wish to import. Select the folder and file and click “Open”.





A split screen is displayed with the database structure of both files displayed. The left side is the database you will import from and the right side is your current active database that you are importing into. Then click on the item in the list box that you wish to import and click “OK”.

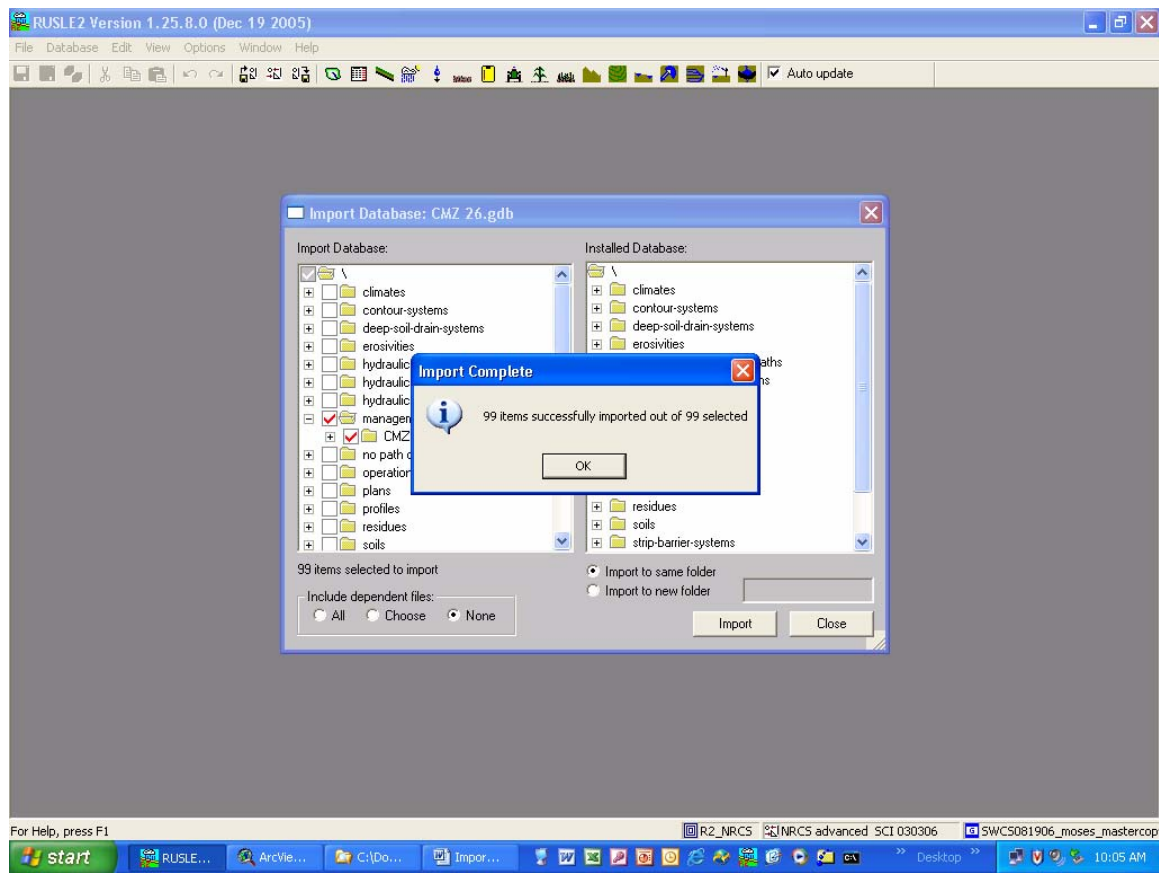
Always select “None” on including dependent files so you don’t accidentally import undesirable parts of the import database.

Select where you want the information to go; “Import to same folder” or “Import to new folder” (If you choose “Import to new folder” you will be prompted to create a new folder). Note: You may not have access privileges to create folders in some parts of the database. Normally you should always check “Import to same folder”.

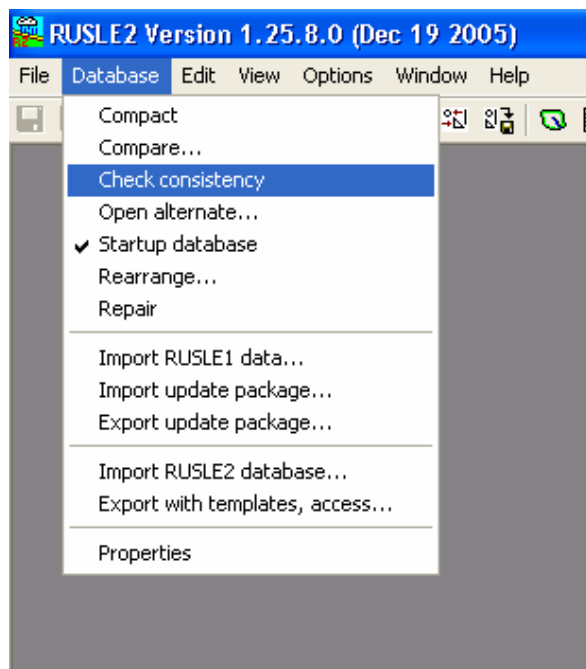
Confirm object replacement for the items you are importing “individually” or “all at once” by clicking the appropriate buttons.

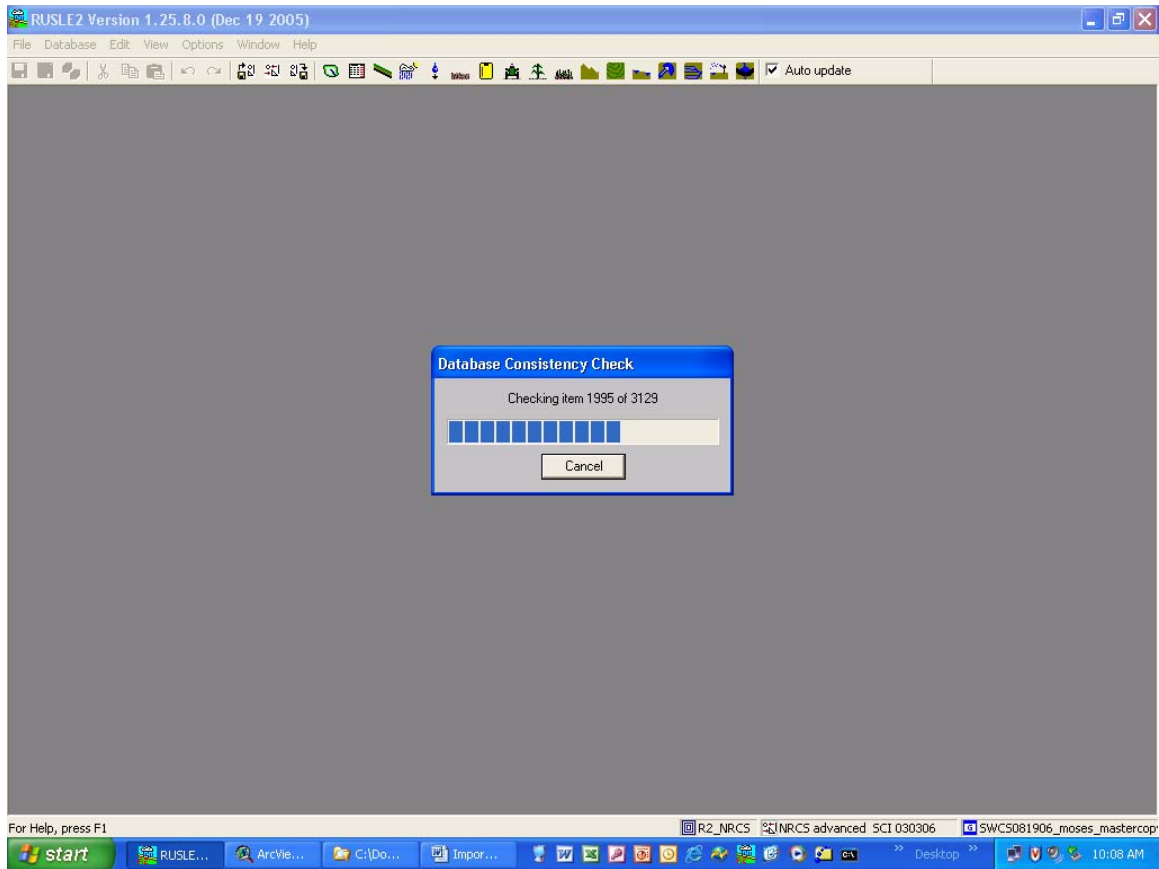
Replace means you are writing over and destroying the one already there. Think about what you are doing before you do this.

When import is complete, click OK.

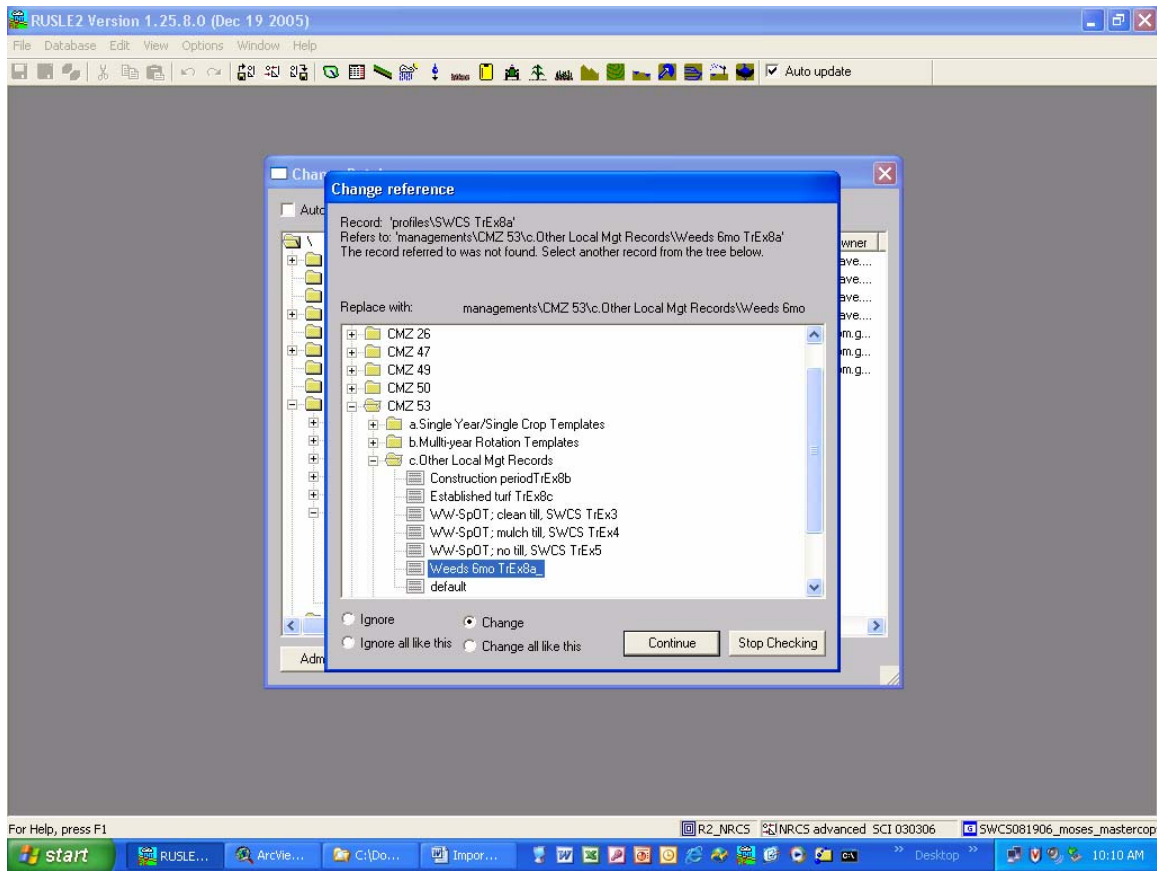


Click “OK” again and then it is always a good idea to run a consistency check on your database.





If any orphan records are noted, scroll down and reattach to the appropriate new record.



As the database is maintained and updated nationally, some records such as operations or crops are renamed or moved to sub folders and this consistency check allows you to repair any links that were severed. This insures that the program will run properly with the items being imported.

Repeat the import process until the soils, climate and management templates have all be merged into the database. You are now ready to use RUSLE2.